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JOB SHEET 2-4-14 DETERMINING WHAT PRODUCTS ARE IN THE DATABASE

INTRODUCTION

It is useful to know exactly what products are currently in your PUP database. The Status Menu on the Applications Terminal allows you to not only see what kinds of products are stored, but how many of each. In addition, the oldest product of any type in the database can be located.

This is helpful when deciding which products to put into a Time Lapse and how far back in time to start the loop. It is also useful after loading old data into the system. By requesting the <u>earliest</u> product in the database, you can see if the date and time match up with the start date/time of the data you just loaded.

OBJECTIVES

Using the Status Menu you will be able to:

- locate a list of all product types currently stored in the PUP database,
- determine the number of versions of each product stored in the database,
- determine the date and time of the earliest product in the database.

REFERENCES

NWS EHB 6-531-1, USER'S GUIDE: PUP/RPGOP, Sections 8.1.2 - 8.1.5

PROCEDURE

TO LIST ALL PRODUCT TYPES IN THE PUP DATABASE:

- 1. From the Main Menu, type **S** and press **RETURN**.
 - This command displays the Status Menu.
- 2. Type I and press **RETURN**.
- 3. The Types of Products Available in PUP Database is displayed.
 - Notice this list does not contain dates and times, only product types (R,V,VIL, etc.) and some other pertinent information (such as data levels and resolution). In order to see more about each product type, you must select the next option.

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MAIN MENU

COMMAND: § FEEDBACK:

Enter command and press return. For assistance, press the HELP button (F5).

(C)ONTROL

(S)TATUS

1

3

(D)ISPLAY

(R)OUTINE PRODUCT SET

(G)EN AND DISTRIBUTE PRODUCTS

(T)IME LAPSE

(A)RCHIVE

(U)SER FUNCTION

(AD)APTATION DATA

(M)ONITOR PERFORMANCE

(H)ELP

STATUS MENU

COMMAND: **S,T** FEEDBACK:

Enter command.
(N)EXRAD UNIT

(C)OMMUNICATIONS

(T)YPES OF PRODUCTS AVAILABLE IN PUP DATABASE

(P)RODUCTS IN PUP DATABASE, cprod-id#>

, (D)ISPLAY, <LINE #>, <scr-quad> *

, (DEL)ETE, <LINE #> *

(E)ARLIEST TIME IN THE DATABASE

(R)PG PRODUCTS AVAILABLE, (D)ISPLAY LAST (R)EQUEST NEW

(S)YSTEM

(A)RCHIVE

(B)ACKGROUND MAP FILES

(AL)ERTS

(CA)NCEL ALERT, <LINE #> *

, (A)LL *

TYPES OF PRODUCTS AVAILABLE IN PUP DATABASE

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COMMAND: S,

FEEDBACK: EXECUTED - S,T

PROD	PROD	DTA	DEC LAVED	NO.	PROD	PROD	DTA	DEC LAVED	NO.
ID#	<u>NAME</u>	<u>LVL</u>	RES LAYER	PRODS*	ID#	NAME	<u>LVL</u>	RES LAYER	PRODS*
<u>ID#</u> 19	R	16	.54	15	43	SWR	16	.54	15
20	R	16	1.1	42	44	SWA	16	.13	16
21	R	16	2.2	35	47	SWP			18
24	V	8	.54	25	48	VWP			18
25	V	16	.13	30	56	SRM			15
27	V	16	54	42	57	\/II			18

TOTAL PRODUCTS IN DATABASE*: 316 *PAIRED ALPHA PRODUCTS NOT COUNTED

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TO LIST ALL VERSIONS OF ONE PRODUCT:

- 4. Select the RTRN TO PREV MENU function key, F2.
 - This returns you to the Status Menu.
- 5. Type \mathbf{P} and press **RETURN**.
 - Nothing happens, right? The symbol "< >" in a command string, indicates that further information is needed. In this case, it needs a product ID number.
- 6. Type 19 and press RETURN.
 - What is displayed is a list of all the versions of the 16 data level, .54 NM resolution Base Reflectivity product. The product ID number corresponding with these specifications is 19. (Recall a list of Product Names and IDs can be viewed by the "Shift F5" command.)
 - The versions differ in elevation angle, date, and time, but each is a 16 data level, .54 NM, Base Reflectivity Product. Note that this is the first of several pages, as shown in the upper right-hand corner of the screen. You may page through the products using the PAGE FORWARD and PAGE BACKWARD function's keys, F7 and F6.

To display a product from this list.

- 7. Type P.D.2.L and press RETURN.
 - The product listed on line 2 is displayed on the Left graphic screen. Notice that this display command, along with any others, has to be preceded by the Status, Products in PUP Database command. This command is listed on both the product list screen and the status menu screen, however, it can only be used when the product list screen is displayed.
- NOTE The (DEL)ete command can be used to purge individual products out of the database. This may be useful in case "bad product data" is received, especially when displaying the product results in a graphic hang.

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```
STATUS MENU
             COMMAND: S,P
             FEEDBACK:
             Enter commmand.
5
             (N)EXRAD UNIT
             (C)OMMUNICATIONS
             (T)YPES OF PRODUCTS AVAILABLE IN PUP DATABASE
             (P)RODUCTS IN PUP DATABASE, cprod-id#>
                                                  (D)ISPLAY, <LINE #>,
                                                                        <scr-quad> *
                                                  (DEL)ETE, <LINE #> *
             (E)ARLIEST TIME IN THE DATABASE
             (R)PG PRODUCTS AVAILABLE, (D)ISPLAY LAST
                                          (R)EQUEST NEW
             (S)YSTEM
             (A)RCHIVE
             (B)ACKGROUND MAP FILES
              (AL)ERTS
             (CA)NCEL ALERT,
                                <LINE #> *
                                (A)LL *
                                     PRODUCTS IN PUP DATABASE FOR PRODUCT 19
                                                                                            Page 1 of 5
             COMMAND: S,
             FEEDBACK: EXECUTED - S,P,19
                     [EACH CMD MUST BE PRECEDED BY "(S)TATUS,(P)RODUCTS IN PUP DATABASE,"]
                     (D)ISPLAY, <LINE#>, <scr-quad>
                                                            (DEL)ETE , <LINE#>
6
                         PRODUCT NAME: R
                                               DATA LEVELS: 16
                                                                 RESOLUTION: .54
                                                             RPG
                         LINE
                                SLICE PARAM1
                                                PARAM2
                                                                   TIME
                                                                            DATE
                         1
                                                             KHGX
                                                                   00:07
                                                                            01/02/95
                                                             KHGX 00:07
                                                                            01/02/95
                         2
                                1.5
                         3
                                0.5
                                                             KOUN 00:05
                                                                            01/02/95
                                     PRODUCTS IN PUP DATABASE FOR PRODUCT 19
                                                                                            Page 1 of 5
             COMMAND: S,P,D
7
             FEEDBACK: EXECUTED - S,P,D,2,L
             CMDS: [EACH CMD MUST BE PRECEDED BY "(S)TATUS, (P)RODUCTS IN PUP DATABASE,"]
                     (D)ISPLAY, <LINE#>, <scr-quad>
                                                            (DEL)ETE, <LINE#>
                         PRODUCT NAME: R
                                               DATA LEVELS: 16
                                                                 RESOLUTION: .54
                                SLICE PARAM1
                                                             RPG
                         LINE
                                                PARAM2
                                                                   TIME
                                                                            DATE
                                0.5
                                                             KHGX
                                                                   00:07
                                                                            01/02/95
                                                             KHGX
                                                                            01/02/95
                         2
                                1.5
                                                                   00:07
                         3
                                0.5
                                                             KOUN 00:05
                                                                            01/02/95
                         4
                                1.5
                                                             KOUN 00:05
                                                                            01/02/95
```

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TO DISPLAY THE EARLIEST PRODUCT IN THE DATABASE:

- 8. Press **F1** to return to the Main Menu.
- 9. a. Type **S.E** and press **RETURN**.
 - b. A description of the earliest product database is displayed.
 - This is useful when you want to know when the data set currently on your PUP begins. By displaying the product with the <u>earliest time</u>, you can determine the <u>oldest product</u> in the database.

MONITORING THE NUMBER OF PRODUCTS IN THE DATABASE:

- 10. From the Main Menu, type **S.T** and press **RETURN**.
 - This command displays the Types of Products Available in the PUP Database.
 - The total number of products in the database, not counting products paired with alerts, is located at the bottom of this menu. Recall that the PUP database holds about 1600 products. When the data base is full, the oldest products are overwritten (the product found in step 9). In this way, you can monitor storage space and approximate how much time is left before products are overwritten. This may not matter if you are using Auto-Archive, since products are saved when they arrive. If, however, you are using an alternative method, backing up on SCSI tape for example, this may help you determine when to run the backup procedure.

END

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STATUS MENU

COMMAND: S,E FEEDBACK:

Enter commmand. (N)EXRAD UNIT (C)OMMUNICATIONS

(T)YPES OF PRODUCTS AVAILABLE IN PUP DATABASE

(P)RODUCTS IN PUP DATABASE,

<LINE #>, <scr-quad> * <LINE #> * (D)ISPLAY,

(DEL)ETE,

(E)ARLIEST TIME IN THE DATABASE

(R)PG PRODUCTS AVAILABLE, (D)ISPLAY LAST (R)EQUEST NEW

(S)YSTEM (A)RCHIVE

(B)ACKGROUND MAP FILES

(AL)ERTS

(CA)NCEL ALERT, <LINE #> *
, (A)LL *

EARLIEST PRODUCT IN PUP DATABASE

9b

9a

COMMAND: S.

FEEDBACK: EXECUTED - S,E

PROD DTA

SLICE NAME LVL RES PARAM1 PARAM2 RPG TIME DATE KOUN 00:04 01/30/94

TYPES OF PRODUCTS AVAILABLE IN PUP DATABASE

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COMMAND: S,

FEEDBACK: EXECUTED - S,T

10

PROD	PROD	DTA		NO.	PROD	PROD	DTA		NO.
ID#	NAME	LVL	RES LAYER	PRODS*	ID#	NAME	LVL	RES LAYER	PRODS*
19	R	16	.54	15	43	SWR	16	.54	15
20	R	16	1.1	42	44	SWA	16	.13	16
21	R	16	2.2	35	47	SWP			18
24	V	8	.54	25	48	VWP			18
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